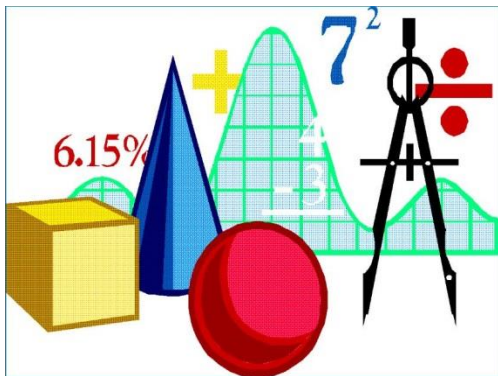


7th Grade Mathematics

Mansfield Middle School
Mr. Jones and Ms. Poller



Our Mathematics Program

- CPM is “College Preparatory Math”
- CPM uses a team approach to teaching math
- Teachers help students work past learning blocks, connect topics, work together, etc.
- Teachers use multi-sensory activities to introduce new concepts

Why team-based?

- Research shows we learn:
 - 10% of what we read
 - 20% of what we hear...
 - 70% of what we discuss...
 - 95% of what we teach others.

- Psychiatrist William Glasser
- Employers report the ability to collaborate and communicate effectively with others as critical skills.

Teamwork

- Students learn to work with others effectively.
- Students learn to think critically, explain their thinking, and ask peers for help.
- Students get to see multiple approaches to the same problem.
- Teachers help teams discuss, share and clarify mathematical concepts.

Homework

- Assignment sheet is distributed (and collected) weekly.
 - HW is also posted to teacher HW pages
- Homework is designed to review and preview concepts.
 - 5-6 problems each night
 - First 1-2 are usually focused on new concepts
- Homework is graded based on completion – to encourage students to try each problem.
- Late work is accepted, with a lower grade.

E-Book

- Students have been given access to an internet-based electronic textbook.
- The e-book includes the complete text plus homework help buttons with each homework problem.

Homework Help

- The e-book has e-tools and a built-in highlighted glossary links with definitions for terms.

CPM Website

www.cpm.org

- From here you can quickly find resources.
- Click on “Textbook Resources”.
- Then click on your child’s textbook.
- Look on the left side of the screen.

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[Content Correlations](#)

[eTools/Videos](#)

[Homework Help](#)

[Parent Guide with Extra Practice](#)

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FOXTROT / by Bill Amend



- How big is Peter's slice?
- How big are the other four slices?